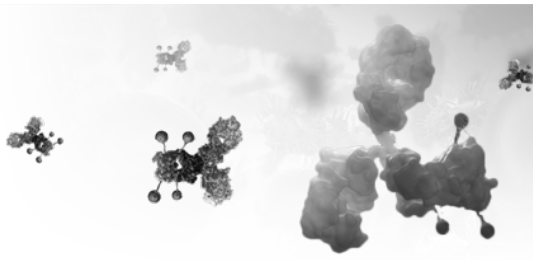

Anti-RRM2B monoclonal antibody, clone FQS9927 (DCABH-4324)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Rabbit monoclonal to p53R2
Antigen Description	Plays a pivotal role in cell survival by repairing damaged DNA in a p53/TP53-dependent manner. Supplies deoxyribonucleotides for DNA repair in cells arrested at G1 or G2. Contains an iron-tyrosyl free radical center required for catalysis. Forms an active ribonucleotide reductase (RNR) complex with RRM1 which is expressed both in resting and proliferating cells in response to DNA damage.
Immunogen	Synthetic peptide, corresponding to N terminal amino acids of Human p53R2 (UniProt: Q7LG56).
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Clone	FQS9927
Conjugate	Unconjugated
Applications	WB, IHC-P, ICC/IF, IP, Flow Cyt
Positive Control	Human fetal muscle tissue, MCF7 and SW480 lysates; MCF7 cells; Human muscle and ovarian carcinoma tissues
Format	Liquid
Size	100 µl
Buffer	Preservative: 0.01% Sodium azide; Constituents: 50% Glycerol, 0.05% BSA

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Storage	Store at -20℃.
Ship	Shipped at 4°C.

GENE INFORMATION

Gene Name	RRM2B ribonucleotide reductase M2 B (TP53 inducible) [Homo sapiens]
Official Symbol	RRM2B
Synonyms	RRM2B; ribonucleotide reductase M2 B (TP53 inducible); ribonucleoside-diphosphate reductase subunit M2 B; p53R2; TP53-inducible ribonucleotide reductase M2 B; p53-inducible ribonucleotide reductase small subunit 2 homolog; p53-inducible ribonucleotide red
Entrez Gene ID	50484
Protein Refseq	NP_001165948
UniProt ID	Q7LG56
Chromosome Location	8q23.1
Pathway	Direct p53 effectors, organism-specific biosystem; Glutathione metabolism, organism-specific biosystem; Glutathione metabolism, conserved biosystem; Metabolic pathways, organism-specific biosystem; Metabolism, organism-specific biosystem; Metabolism of nucleotides, organism-specific biosystem; Nucleotide Metabolism, organism-specific biosystem;
Function	oxidoreductase activity; ribonucleoside-diphosphate reductase activity; transition metal ion binding;

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